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CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, with sufficient postage, in an envelope addressed to: Mail Stop Amendments, Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450, on the below date:

Date: July 9, 2004

Name: Lawrence G. Almeda

Signature:

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& LIONE

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Appln. of: DR. ESIN GULARI et al.

Appln. No.: 10/783,060

Filed: February 20, 2004

For: METHOD OF DELAMINATING
AGGREGATED PARTICLES WITH A
COATING AGENT IN A SUBSTANTIALLY
SUPERCRITICAL FLUID

Examiner:

Art Unit: 1714

Attorney Docket No: 10114-018

Mail Stop Amendments
Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

TRANSMITTAL

Sir:

Attached is/are:

- ☒ Information Disclosure Statement, Form PTO-1449 (3 sheets), and references cited.
☒ Return Receipt Postcard

Fee calculation:

- ☒ No additional fee is required.
☐ Small Entity.
☐ An extension fee in an amount of \$_____ for a _____-month extension of time under 37 C.F.R. § 1.136(a).
☐ A petition or processing fee in an amount of \$_____ under 37 C.F.R. § 1.17(____).
☐ An additional filing fee has been calculated as shown below:

					Small Entity			Not a Small Entity	
	Claims Remaining After Amendment		Highest No. Previously Paid For	Present Extra	Rate	Add'l Fee	or	Rate	Add'l Fee
Total		Minus			x \$9=			x \$18=	
Indep.		Minus			x 43=			x \$86=	
First Presentation of Multiple Dep. Claim					+\$145=			+\$290=	
					Total	\$		Total	\$

Fee payment:

- ☐ A check in the amount of \$_____ to cover the above-identified fee(s) is enclosed.
☐ Please charge Deposit Account No. 23-1925 in the amount of \$_____. A copy of this Transmittal is enclosed for this purpose.
☐ Payment by credit card in the amount of \$_____ (Form PTO-2038 is attached).
☒ The Director is hereby authorized to charge payment of any additional filing fees required under 37 CFR § 1.16 and any patent application processing fees under 37 CFR § 1.17 associated with this paper (including any extension fee required to ensure that this paper is timely filed), or to credit any overpayment, to Deposit Account No. 23-1925.

Respectfully submitted,

Lawrence G. Almeda (Reg. No. 46,151)

July 9, 2004

Date



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INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with the duty of disclosure under 37 C.F.R. §1.56, and more particularly in accordance with 37 C.F.R. §1.97(b), Applicant cites the following references (each listed for the Examiner's convenience on the enclosed Form PTO-1449):

OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)
Satoshi Yoda, et al., "Preparation of a Platinum and Palladium/Polyimide Nanocomposite Film as a Precursor of Metal-Doped Carbon Molecular Sieve Membrane via Supercritical Impregnation," September 27, 2003 (revised: 3/08/2004), Chem. Mater., Vol. 16, No. 12, pp. 2363-2368.
Qian Zhao, et al., "Supercritical CO ₂ -Mediated Intercalation of PEO in Clay," July 9, 2003 (revised 8/01/2003), Macromolecules, Vol. 36, No. 19, pp. 6967-6969.
Tomas Berglof, et al., "Metsulfuron Methyl Sorption—Desorption in Field-Moist Soils," May 2, 2003, J. Agric. Food Chem., Vol. 51, No. 12, pp. 3598-3603.
M. L. Occelli, et al., "Surface Area, Pore Volume Distribution, and Acidity in Mesoporous Expanded Clay Catalysts from Hybrid Density Functional Theory (DFT) and Adsorption Microcalorimetry Methods," June 20, 2002 (final form 9/11/2002), Langmuir, Vol. 18, No. 25, pp. 9816-9823.
Ryo Ishii, et al., "A Comparison of Supercritical Carbon Dioxide and Organic Solvents for the Intercalation of 4-Phenylazoaniline into a Pillared Clay Mineral," April 26, 2002 (accepted 7/22/2002), Journal of Colloid and Interface Science 254, pp. 250-256.
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L. Morselli, et al., "Supercritical Fluid Extraction for the Determination of Petroleum Hydrocarbons in Soil," © 1999, Journal of Chromatography A, 845, pp. 357-363.
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David L. Tomasko, et al., "Supercritical Fluid Applications in Polymer Nanocomposites," October 6, 2003 (© 2003), Current Opinion in Solid State and Materials Science 7, pp. 407-412.
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Azusa Kameo, et al., "Preparation of Noble Metal Nanoparticles in Supercritical Carbon Dioxide," July 2, 2002 (accepted 9/26/2002), Colloids and Surfaces A: Physicochem. Eng. Aspects, Vol. 215, pp. 181-189.
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Ll. Casas, et al., "Silica Aerogel-Iron Oxide Nanocomposites: Structural and Magnetic Properties," 2001, Journal of Non-Crystalline Solids, Vol. 285, pp. 37-43.
Catherine A. Morris, "Modifying Nanoscale Silica With Itself: A Method to Control Surface Properties of Silica Aerogels Independently of Bulk Structure," 2001, Journal of Non-Crystalline Solids, Vol. 285, pp. 29-36.
Ken Johns, "Supercritical Fluids-A Novel Approach to Magnetic Media Production?," © 1999, Tribology International, Vol. 31, No. 9, pp. 485-490.
James J. Watkins, et al., "Polymer/Metal Nanocomposite Synthesis in Supercritical CO ₂ ," July 10, 1995 (received 9/27/1995), Chemistry of Materials, Vol. 7, No. 11, pp. 1991-1994.
R. Montero-Vazquez, et al., "Kinetics of the Extraction of Pyrene Using Carbon Dioxide in Dense Phase," May 2, 2003 (accepted 5/13/2003), Chemosphere, Vol. 53, pp. 789-793.

OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)

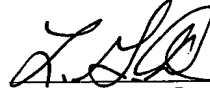
Valeriy V. Ginzburg, et al., "Theoretical Phase Diagrams of Polymer/Clay Composites: The Role of Grafted Organic Modifiers," August 9, 1989 (received 11/03/1999), Macromolecules, Vol. 33, No. 3, pp. 1089-1099.

A copy of each listed reference for which a copy is required under 37 C.F.R. §1.98(a)(2) is also enclosed. Applicant respectfully solicits the Examiner's consideration of the listed references and entry thereof into the record of this application.

By submitting this Statement, Applicant is attempting to fully comply with the duty of candor and good faith mandated by 37 C.F.R. §1.56. As such, this Statement is not intended to constitute an admission that any of the enclosed references, or other information referred to therein, constitutes "prior art" or is otherwise "material to patentability," as that phrase is defined in 37 C.F.R. §1.56(a).

Applicant has calculated no fee to be due in connection with the filing of this Statement. However, the Commissioner is authorized to charge any fee deficiency associated with the filing of this Statement to a deposit account, as authorized in the Transmittal accompanying this Statement.

Respectfully submitted,

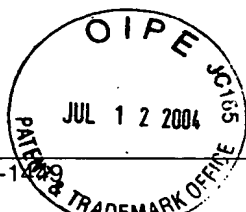


Lawrence G. Almeda (Reg. No. 46,151)

July 9, 2004

Date

Enclosures: Form PTO-1449 (three sheets)
Copies of listed references



FORM PTO-159	APPLICATION NO. 10/783,060	CASE NO. 10114-018
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	FILING DATE February 20, 2004	ART UNIT
Sheet 1 of 3	APPLICANT(S): DR. ESIN GULARI et al.	

REFERENCE DESIGNATION U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS/SUBCLASS	FILING DATE
	5,877,005	03/02/1999	Castor et al.		
	6,469,073	10/22/2002	Manke et al.		

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS/SUBCLASS	TRANSLATION YES NO

EXAMINER INITIAL	OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)
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